

May 24, 2006

TO: Members of the MAG Specifications and Details Committee

FROM: Robert Herz, Maricopa County DOT, Chairman

SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF AGENDA

Wednesday, June 7, 2006, 1:30 p.m.
MAG Office, Second Floor, Cholla Room
302 North First Avenue, Phoenix

The meeting of the MAG Specifications and Details Committee will be held at the place and time indicated above. The agenda for the meeting is provided below. **Please park in the garage under the Compass Bank Building. Bring your ticket to the meeting, parking will be validated. For those using transit, the Regional Public Transportation Authority will provide transit tickets for your trip. For those using bicycles, please lock your bicycle in the bike rack in the garage.** Please call me at (602) 506-4760 if you have questions about the upcoming meeting.

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AGENDA

| <u>ITEM</u> | <u>COMMITTEE ACTION REQUESTED</u> |
|---|---|
| 1. <u>Call to Order</u> | 1. No action required. |
| 2. <u>Approval of May 3, 2006 Meeting Minutes</u> | 2. Corrections and approval of May 3, 2006 minutes. |
| 3. <u>2006 Cases</u> | 3. For Review, Discussion, and Submission of cases. |
| 4. <u>General Discussion</u> | 4. For information and discussion. |
| 5. <u>Adjournment</u> | 5. No action required. |

MEETING MINUTES FROM THE
MARICOPA ASSOCIATION OF GOVERNMENTS
STANDARD SPECIFICATIONS AND DETAILS COMMITTEE

May 3, 2006

Maricopa Association of Governments Office, Cholla Room
302 North First Avenue
Phoenix, Arizona

AGENCY MEMBERS

| | |
|---------------------------|--------------------------------------|
| Jim Badowich, Avondale | Maher M. Hazine, Peoria |
| David Fern, Chandler | Jeff Van Skike, Phoenix (St. Trans.) |
| Mark Weiner, Gilbert | Matthew Woodland, Phoenix (Water) |
| * Greg Rodzenko, Glendale | Rodney Ramos, Scottsdale |
| * Tom Vassallo, Goodyear | * Don Moseley, Surprise |
| Bob Herz, MCDOT, Chairman | James Bond, Tempe |
| Kelly Jensen, Mesa | |

ADVISORY MEMBERS

| | |
|-------------------------------------|------------------------------|
| John Ashley, ACA | Don Green, ARPA |
| Jeff Benedict, AGC | Paul R. Nebeker, Independent |
| Brian Gallimore, AGC | William Ast, NUCA |
| Peter Kandarlis, SRP, Vice Chairman | Dale Phelan, NUCA |
| * Don Cornelison, ARPA | |

MAG ADMINISTRATIVE STAFF

Gordon Tyus

* Members not attending or represented by proxy.

GUESTS/VISITORS

(none)

1. Call to Order

Chairman, Bob Herz, called the meeting to order at 1:32 p.m.

2. Approval of Minutes

The members reviewed the April 5, 2006 meeting minutes. Kelly Jensen noted that the minutes should be corrected to show that he was not in attendance at the last meeting. Jeff

Van Skike introduced a motion to accept the minutes as revised. Maher Hazine seconded the motion. A voice vote of all ayes and no nays was recorded.

3. 2006 Cases

- a. **Case 06-01 – Safety Rail addition to Concrete Scupper Detail 206:** Updated revisions to Details 206-1 and 206-2 (dated April 5, 2006) incorporated all previous suggestions were distributed with the April meeting minutes. Brian Gallimore questioned the need for concrete curbing below the railing. In addition to curbing, committee members discussed other methods to improve rail anchorage such as increased slab thickness and other methods of attachment. Mr. Gallimore noted that he will provide the committee examples of other attachment options. Members were requested to look at the rail attachment issue for discussion at the next meeting.
- b. **Case 06-02 – Clarifications to Detail 440:** Revisions to Detail 440-1, 440-2 and 440-3. Maher Hazine informed the committee that the Arizona State Legislature recently passed a bill (HB 2708, posted on the MAG website <http://www.mag.maricopa.gov/event.cms?item=5523>.) that prohibits agencies from requiring home builders to install cleanouts for the purpose of sewer locating. Rodney Ramos noted that prohibitions such as this do not exclude agencies from providing or paying for cleanout installations, so the details can remain and it will be up to agencies to determine how or when to apply their use. The committee agreed to obtain a copy of the legislation and determine whether further detail revisions are needed.
- c. **Case 06-03 – Miscellaneous Corrections:** Drafting correction to Details 533-3 and 533-4. The committee had no discussion on this item.

4. New Cases

- a. **Case 06-04 – Reduced cement content for Reinforced Concrete Pipe (RCP) mixes, Section 735:** Memorandum dated February 14, 2006 with support documents handed out (See Attachments). David Fern proposed modifying Section 735.4 (C) to reduce the weight of cement or cement and pozzolanic materials in RCP mixes from 564 pounds per cubic yard to 470 pounds per cubic yard. This change will bring the section into compliance with ASTM C-76 requirements. Pipe quality and performance requirements will remain unchanged. Members were requested to review the proposed change and return with comments for the next meeting.
- b. **Case 06-05– Survey Marker revisions to Detail 120-2:** Revisions to Detail 120-2 dated April 25, 2006 (See Attachments). Bob Herz proposed detail modifications to correct a drawing dimension error (revise minimum pipe embedment length to 16 inches) and update the detail to obtain better compliance with Arizona Boundary Survey minimum standards.

5. General Discussion:

- a. The format of the prior handouts provided by the Joint Asphalt Paving Technical Committee (APTC) of the local chapter of the Associated General Contractors (AGC) and the Arizona Rock Products Association (ARPA) for revision to Section 710 was discussed. APTC requested that the committee review and comment on the format provided for Section 710 prior to APTC proceeding with the preparation of other related sections. The committee agreed that the format with split-page revision and side-by-side narrative discussion of the proposed changes is acceptable and that other revisions should proceed. APTC was requested to make sure all proposed revisions are noted in the side-by-side narrative.
- b. Gordon Tyus provided a status update for the Specifications and Details Inventory RFP. He stated that the Regional Council Executive Committee has approved the selection of AZ Flash, LLC, as the consultant for the work. The work scope and contract are being finalized with a goal of a signed agreement in May.
- c. Maher Hazine told the committee that the City of Peoria will be hosting a 3-day public works inspection training class at the end of June. The class will be open to other agencies with the fee determined by APWA (\$495 or \$595). Further details will be provided to Gordon Tyus as soon as they are available.

6. Adjournment:

The meeting was adjourned at 2:44 p.m.



MARICOPA COUNTY
Department of Transportation

MEMORANDUM

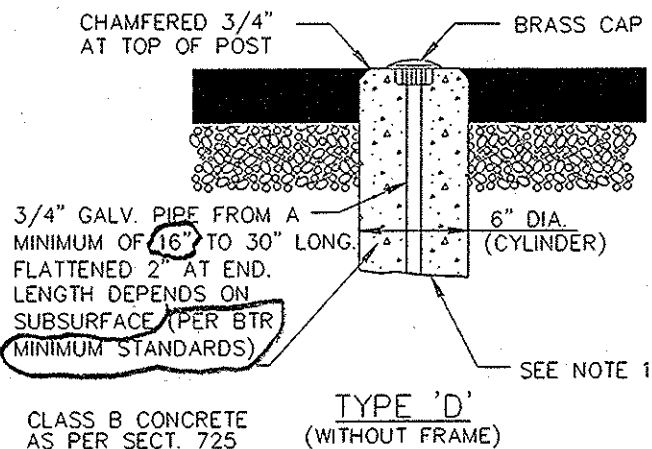
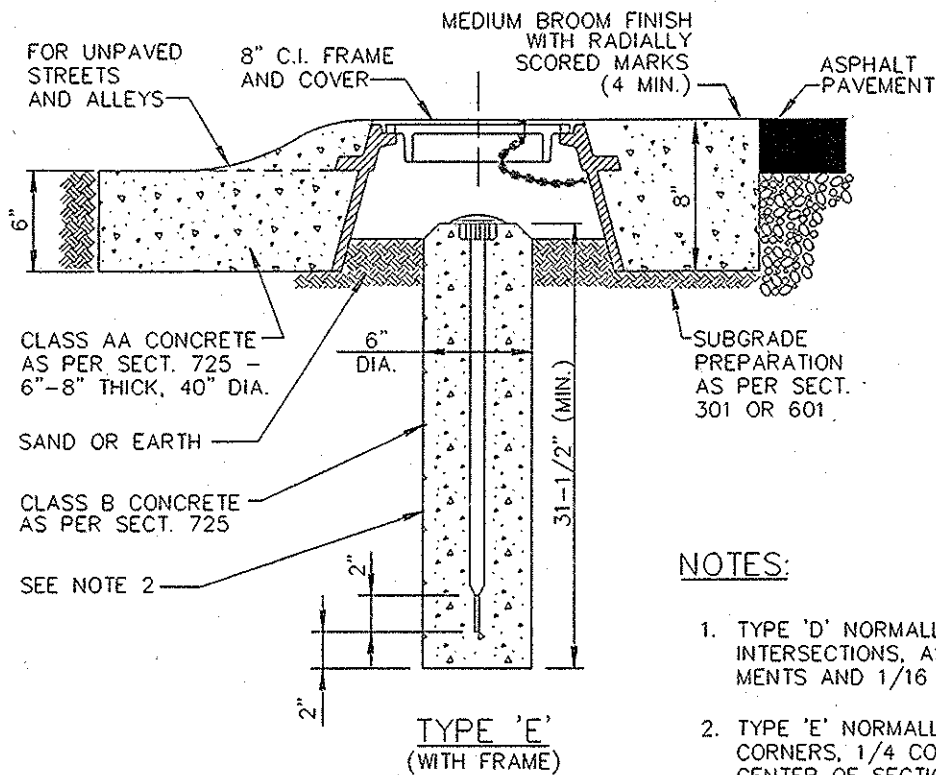
Date: May 3, 2006
To: MAG Specifications and Details Committee
From: Robert Herz, MCDOT Representative
Subject: Proposed Revisions to Detail 120-2

Case 06-05

PURPOSE: Correct drawing dimension error and update drawing to obtain better compliance with Arizona Boundary Survey Minimum Standards.

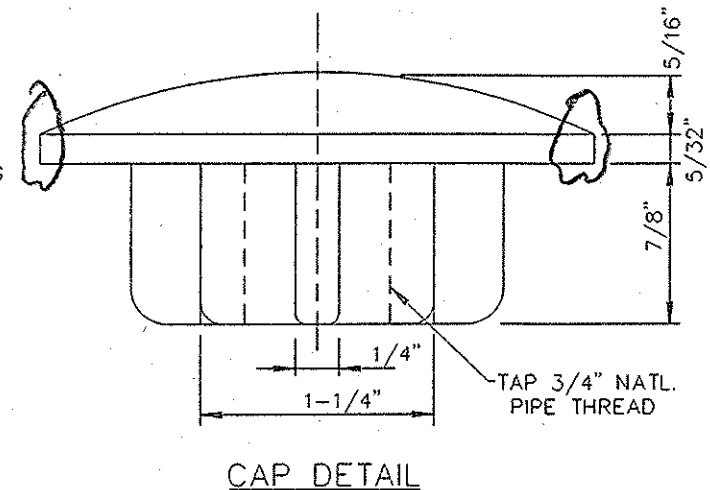
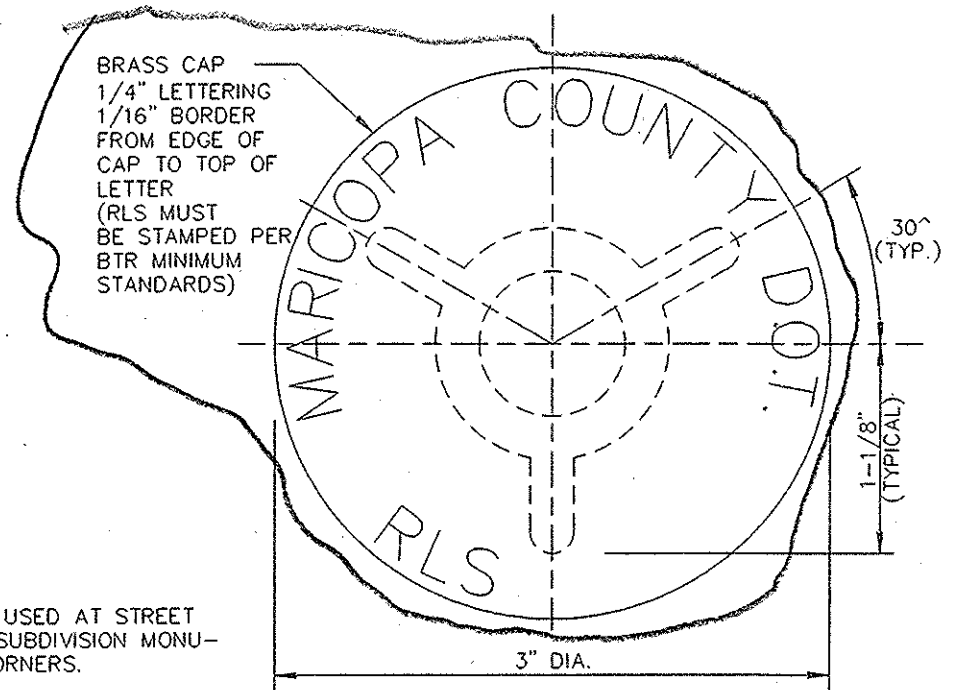
REVISIONS to Detail 120-2:

1. Type D, galvanized pipe note – revised minimum pipe length to 16”.
2. Plan View of Brass Cap – Adjusted layout to provide space for RLS number.



NOTES:

1. TYPE 'D' NORMALLY USED AT STREET INTERSECTIONS, AS SUBDIVISION MONUMENTS AND 1/16 CORNERS.
2. TYPE 'E' NORMALLY USED ON SECTION CORNERS, 1/4 CORNERS AND AT THE CENTER OF SECTIONS. CONCRETE POST IS CHAMFERED 3/4" AT TOP. MINIMUM LENGTH OF POST 31-1/2". LENGTH DEPENDS ON SUBSURFACE OBSTRUCTIONS SUCH AS OLD CONCRETE PAVING, ROCK, ETC. 3/4" GALVANIZED PIPE SET IN THIS POST SHALL BE A MINIMUM OF 30" LONG EXCLUSIVE OF COUPLING. SEE PLANS. (PER ARS 33-103)
3. CAP TO BE CONSTRUCTED OF RED BRASS OR BRONZE.
4. FRAME AND COVER TO INCLUDE CHAIN PER STD. DETAIL 270.



DETAIL NO.

120-2



STANDARD DETAIL
ENGLISH

SURVEY MARKER
(FOR UNINCORPORATED AREAS OF COUNTY)

REVISED

04-25-2006

DETAIL NO.

120-2

CASE 06-05
5/3/2006

